

Message

From: Fritz, Jason [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=F8D42341BD2241598226069F9623074A-FRITZ, JASON]
Sent: 1/23/2015 4:52:43 PM
To: Vulimiri, Suryanarayana [Vulimiri.Sury@epa.gov]
CC: Gibbons, Catherine [Gibbons.Catherine@epa.gov]; Keshava, Nagalakshmi [Keshava.Nagu@epa.gov]; Kraft, Andrew [kraft.andrew@epa.gov]; Glenn, Barbara [Glenn.Barbara@epa.gov]
Subject: RE: FA DNA repair studies
Attachments: Kuekner et al. 2013 FA genetox gene expression.pdf

This one too, maybe.
jf

From: Vulimiri, Suryanarayana
Sent: Friday, January 23, 2015 11:36 AM
To: Fritz, Jason; Kraft, Andrew; Glenn, Barbara
Cc: Gibbons, Catherine; Keshava, Nagalakshmi
Subject: RE: FA DNA repair studies

Hi Jason,

Thanks for checking these. Both are in HERO. Only one is tagged. I just went ahead and tagged the other one also to Genotoxicity.

First one is about DNA repair in yeasts. Yes, you are correct. It is not there in the draft. For some reason I thought it was a review article. But I checked it again. It is not a review article. This is a study about the kinetics of DPC repair in yeast with formaldehyde exposure. I will add that to the draft. The other one Ren et al 2013 is an in vitro study using Lymphoblasts. It was not there in the TPWGrevised...BG080814 draft. This is added in the revised version of the GeneTox draft.

Lately, I compared the references cited by the NAS report on 'NTP's ROC report on formaldehyde' and identified some references that were missing from our draft. I incorporated all those references into the current GeneTox draft. I admire your keen eye for the missing references. Let me know if you come across any others that are missing.

Have a great weekend.

Sury

Sury Vulimiri, Ph.D., DABT
Biologist, National Center for Environmental Assessment, Office of Research & Development, US EPA
Phone: 919-541-3558 | Fax: 919-541-0245 | vulimiri.sury@epa.gov

From: Fritz, Jason
Sent: Friday, January 23, 2015 10:26 AM
To: Kraft, Andrew; Vulimiri, Suryanarayana; Glenn, Barbara
Cc: Gibbons, Catherine; Keshava, Nagalakshmi
Subject: FA DNA repair studies

While looking through a review in the FA URT MOA lit search update, I found two studies mentioned on DNA repair of FA-induced lesions that I didn't remember seeing.

I haven't read them yet, but they have some manner of DNA damage or repair pathway and formaldehyde in the titles, so they look relevant.

At least one of them is tagged in HERO as "formaldehyde genotoxicity", but I could find the study mentioned in the genotox appendix (I looked at version ...TPWGrevised_BG080814).

I've attached the .pdfs, as FYI.

Thanks,
Jason